



City of Carrollton's 2018 Pretreatment Annual Meeting

Where Connections Happen



Industry Introductions



Presented by : Anthony Turner
Industrial Pretreatment Coordinator
City of Carrollton

The Good, The Bad, and The Ugly

✓ The Good

- ✓ Recognizes industries that were consistently compliant with pretreatment regulations & stormwater regulations during the pretreatment year 2017-2018

2017-2018 Consistently-Compliant Facilities

1. BuzzBallz
2. ElectroPlate Circuitry-Capital
3. ElectroPlate Circuitry-Century
4. Halliburton Energy Services
5. Illes Food Ingredients
6. Image Industries
7. International Paper-Beltline Rd.
8. MI Windows and Doors
9. Quality Power Coating
10. QuikTrip #930
11. WMC Industrial



Environmental Distinction Awards Ceremony

- ✓ **The Good**
- ✓ Open to all Consistently-Compliant Industries
- ✓ Environmental Leadership Award.
- ✓ This year's award ceremony will be held on: **December 4, 2018**

The Good, The Bad, and The Ugly

✓ The Bad

Enforcement Totals

- 29 Pretreatment NOV Issued
- 1 Pretreatment Administrative Order Issued
- 1 Pretreatment Citation Issued
- 2 SNC Industries Published
- 4 Stormwater NOV Issued



Most Common Violations

✓ **The Bad**

1. Violation of Permit Limits
2. Late Report(s)
3. Failure to conduct monthly self-monitoring

The Good, The Bad, and The Ugly

✓ The Ugly

City of Carrollton's 2018 TCEQ Pretreatment Audit

Most applicable violation discovered (Permit Modification)



Wastewater Discharge Permit-Found in Part 3 Section I . Modifications

The Permittee shall give written notice to the City at least sixty (60) days prior to any facility expansion, production increase, or process modifications that result in new or substantially increased discharge or a change in the nature of the discharge. Variations in flow greater than 20% or changes in the timing of the batch discharge from the Permittee as a result of modifications to the industrial processes must be reported in writing.

Industries that are impacted: EPC-Capital, EPC-Century, Image Industries, MI Windows and Doors, QPC, Texas Finishing Company, United Laboratories, Western Extrusions, and WMC Industrial.

Wastewater Surcharges

- ✓ Discharges exceeding 250 mg/L BOD or 250 mg/L TSS are subject to extra strength sewer charges. The city calculates extra strength services charges using flow rates and monitoring results.
- ✓ Evaluated in June and December every year
- ✓ New Billing Cycle starts in July and January every year
- ✓ Additional BOD and TSS self-monitoring samples taken by the industry can be submitted to the City of Carrollton for review. If the self-monitoring samples are credible, then the sample results will be utilized for determining the industries wastewater surcharges.



Wastewater Surcharges

- ✓ Wastewater surcharge information is listed on your City of Carrollton industrial wastewater discharge permit.
- ✓ Under PART 8(A): SPECIAL CONDITIONS
- ✓ Surcharge Formula = $(Q) \{ (0.001) (8.34) [a(\text{BOD}-250) + b(\text{TSS}-250)] (c) \}$
- ✓ Cost for treating BOD= \$0.07966/lb Cost for treating TSS=\$0.9831/lb

Date	BOD (mg/L)	TSS (mg/L)	Data			
6.1.16	1310	68				
8.2.16	2130	22				
11.15.16	801	42				
AVERAGES:	1413.67	44.00				

- ✓ Surcharge $(0.001) (8.34) [0.07966(1413.67-250)+0.09831 (44-250)] (1.3) = 0.785$

Trunkline Sampling

- ✓ The City of Carrollton's trunkline sampling project includes a flow audit studies for all permitted significant industrial users. The flow audit includes other non-permitted industrial users as well.
- ✓ The City's Trunkline and Outfalls to TRA includes 7 entry points located throughout the City of Carrollton
- ✓ Pollutants affiliated with the City of Carrollton's local limits were sampled such as: As, Cr, Cu, Cn, Pb, Zn, Oil and Grease, BOD, TSS, and pH
- ✓ Slightly elevated levels of TSS and BOD were identified



Contact:

Anthony Turner

City of Carrollton Pretreatment Coordinator

Anthony.Turner@CityofCarrollton.com

972.466.3055

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Questions

